

ABSTRACT OF THE DISCLOSURE

A system and method for profiling and modifying fluid flow through a wellbore. The system comprises a logging system, a downhole unit, and a deployment system. The logging system comprises a logging tool. The downhole unit is operable to house the logging tool. In addition, the downhole unit is operable to selectively secure a retrievable fluid barrier within a wellbore casing. The deployment system is operable to deploy the downhole unit in the wellbore casing. The method comprises deploying the downhole unit into the wellbore and securing the retrievable fluid barrier below a first group of perforations. The method also comprises operating the logging tool to detect a wellbore fluid parameter.